

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		10523007
	Filing Date		2005-02-01
	First Named Inventor	GOLDSMITH	
	Art Unit	1636	
	Examiner Name	QIAN	
	Attorney Docket Number	10-128	

U.S.PATENTS						
Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
	1	5316922		1994-05-31	Brown et al.	
	2	5958672		1999-09-28	Short	
	3	6001574		1999-12-14	Short et al.	
	4	6004788		1999-12-21	Short	
	5	6030779		2000-02-29	Short	
	6	6054267		2000-04-25	Short	
	7	6057103		2000-05-02	Short	
	8	6136567		2000-10-24	Duchars et al.	

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	10523007
Filing Date	2005-02-01
First Named Inventor	GOLDSMITH
Art Unit	1636
Examiner Name	QIAN
Attorney Docket Number	10-128

9	6165793		2000-12-26	Stemmer, William P.C.	
10	6174673		2001-01-16	Short et al.	
11	7052876		2006-05-30	Finney et al.	
12	7105297		2006-09-12	Minshull et al.	

If you wish to add additional U.S. Patent citation information please click the Add button.

U.S.PATENT APPLICATION PUBLICATIONS

Examiner Initial*	Cite No	Publication Number	Kind Code ¹	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
	1	20040110174		2004-06-10	Goldsmith et al.	
	2	20040241672		2004-12-02	Goldsmith et al.	
	3	20050164162		2005-07-28	Sorensen	
	4	20060068472		2006-03-30	Caldwell et al.	

If you wish to add additional U.S. Published Application citation information please click the Add button.

FOREIGN PATENT DOCUMENTS

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	10523007
Filing Date	2005-02-01
First Named Inventor	GOLDSMITH
Art Unit	1636
Examiner Name	QIAN
Attorney Docket Number	10-128

Examiner Initial*	Cite No	Foreign Document Number ³	Country Code ² j	Kind Code ⁴	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear	T ⁵
	1	1989/10566	WO		1989-11-02	Massachusetts Institute of Technology		<input type="checkbox"/>
	2	1991/00920	WO		1991-01-24	Unilever N.V.		<input type="checkbox"/>
	3	1997/31118	WO		1997-08-28	Zeneca Limited		<input type="checkbox"/>
	4	1997/40183	WO		1997-10-30	The Biological Res. Center of Hung. Acad. Sci.		<input type="checkbox"/>
	5	1998/01573	WO		1998-01-15	The Government of the United States of America		<input type="checkbox"/>
	6	1998/38490	WO		1998-09-03	Biodx Inc.		<input type="checkbox"/>
	7	1998/58085	WO		1998-12-23	Diversa Corporation		<input type="checkbox"/>
	8	1999/10539	WO		1999-03-04	Diversa Corporation		<input type="checkbox"/>
	9	1999/45154	WO		1999-09-10	Diversa Corporation		<input type="checkbox"/>
	10	2000/06715	WO		2000-02-10	Genotypes Inc.		<input type="checkbox"/>

/Celine Qian/

11/18/2010

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number		10523007
Filing Date		2005-02-01
First Named Inventor	GOLDSMITH	
Art Unit	1636	
Examiner Name	QIAN	
Attorney Docket Number	10-128	

11	2000/08212	WO		2000-02-17	Cellay Inc.		<input type="checkbox"/>
12	2000/17643	WO		2000-03-30	Cellomics Inc.		<input type="checkbox"/>
13	2000/53744	WO		2000-09-14	Diversa Corporation		<input type="checkbox"/>
14	2000/58517	WO		2000-10-05	Diversa Corporation		<input type="checkbox"/>
15	2000/77262	WO		2000-12-21	Diversa Corporation		<input type="checkbox"/>
16	2002/059297	WO		2002-08-01	Evolve Biotech A/S		<input type="checkbox"/>
17	2003/062419	WO		2003-07-31	Evolve Biotech A/S		<input type="checkbox"/>
18	2003/106639	WO		2003-12-24	Dyx Corporation		<input type="checkbox"/>
19	1999/35260	WO		1999-07-15	Adprotech Limited		<input type="checkbox"/>

If you wish to add additional Foreign Patent Document citation information please click the Add button

NON-PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T5
-----------------------	------------	---	----

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	10523007
Filing Date	2005-02-01
First Named Inventor	GOLDSMITH
Art Unit	1636
Examiner Name	QIAN
Attorney Docket Number	10-128

1	GIFT et al., "FACS-based isolation of slowly growing cells: Double encapsulation of yeast in gel microdrops," Nature Biotechnology, 14:884-887 (1996)	<input type="checkbox"/>
2	International Search Report for WO 2002/059290 mailed December 23, 2002	<input type="checkbox"/>
3	International Search Report for WO 2002/059296 mailed October 23, 2002	<input type="checkbox"/>
4	International Search Report for WO 2002/059297 mailed January 15, 2003	<input type="checkbox"/>
5	International Search Report for WO 2003/062419 mailed June 11, 2003	<input type="checkbox"/>
6	International Search Report for WO 2004/016791 mailed December 5, 2003	<input type="checkbox"/>
7	LEAHY et al., "Transcription from plasmid expression vectors is increased up to 14-fold when plasmids are transfected as concatemers," Nucleic Acids Research, 25(2):449-450 (1997)	<input type="checkbox"/>
8	LOTAN et al., "Cloning and expression in Escherichia coli of the gene encoding β -C-4-oxygenase, that converts β carotene to the ketocarotenoid canthaxanthin in Haematococcus pluvialis," FEBS Letters, 364:125-128 (1995)	<input type="checkbox"/>
9	McCORMACK et al., "Production of antibacterial compounds by phyloplane-inhabiting yeasts and yeastlike fungi," Applied and Environmental Microbiology, 60(3):927-931 (1994)	<input type="checkbox"/>
10	NIR et al., "Flow cytometry sorting of viable bacteria and yeasts according to β -galactosidase activity," Applied and Environmental Microbiology, 56:3861-3866 (1990)	<input type="checkbox"/>
11	PIERCE et al., "A positive selection vector for cloning high molecular weight DNA by the bacteriophage P1 system: Improved cloning efficacy," Proc. Natl. Acad. Sci. USA, 89:2056-2060 (1992)	<input type="checkbox"/>

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	10523007
Filing Date	2005-02-01
First Named Inventor	GOLDSMITH
Art Unit	1636
Examiner Name	QIAN
Attorney Docket Number	10-128

12	SMITH et al., "Construction and Use of Signal Sequence Selection Vectors in Escherichia coli and Bacillus subtilis," Journal of Bacteriology, 169(7):3321-3328 (1987)	<input type="checkbox"/>
13	STAUDINGER, J., "Interactions among vertebrate helix-loop-helix proteins in yeast using the two-hybrid system," J. Biol. Chem., 268(7):4608-4611 (1993)	<input type="checkbox"/>
14	STEIN et al., "Nucleotide sequence and expression of a deep-sea ribulose-1, 5,- bisphosphate carboxylase gene cloned from a chemoautotrophic bacterial endosymbiont," Proc. Natl. Acad. Sci. USA, 87:8850-8854 (1990)	<input type="checkbox"/>
15	ZHU et al., "Three-Color Flow Cytometry Analysis of Tricistronic Expression of eBFP, eGFP, and eYFP Using EMCV-IRES Linkages," Cytometry, 37:51-59 (1999)	<input type="checkbox"/>
16	BLATTNER et al., "The Complete Genome Sequence of Escherichia coli K-12," Science, 277:1453-1462 (September 5, 1997)	<input type="checkbox"/>
17	DIATCHENKO et al., "Suppression subtractive hybridization: A method for generating differentially regulated or tissue-specific cDNA probes and libraries," PNAS, 93:6025-6030 (June 1996)	<input type="checkbox"/>
18	CARNINCI et al., "Normalization and Subtraction of Cap-Trapper-Selected cDNAs to Prepare Full-Length cDNA Libraries for Rapid Discovery of New Genes," Genome Res., 10:1617-1630 (2000)	<input type="checkbox"/>
19	WOOD et al., "Complementary DNA Coding Click Beetle Luciferases Can Elicit Bioluminescence of Different Colors," Science, 244:700-702 (May 12, 1989)	<input type="checkbox"/>
20	SEHESTED et al., "Chinese Hamster Ovary Cells Resistant to the Topoisomerase II Catalytic Inhibitor ICRF-159: A Tyr49Phe Mutation Confers High-Level Resistance to Bisdioxopiperazines," Cancer Research, 58:1460-1468 (April 1, 1998)	<input type="checkbox"/>
21	WEINSHILBOURN, R.M. et al., "Sulfotransferase molecular biology: cDNAs and genes," The FASEB Journal, 11:3-14 (January 1997)	<input type="checkbox"/>
22	BOUSKA et al., "Improving the In Vivo Duration of 5-Lipoxygenase Inhibitors - Application of an In Vitro Glucuronosyltransferase Assay," Drug Metab. Dispos., 25(9):1032-1038 (1997)	<input type="checkbox"/>

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	10523007
Filing Date	2005-02-01
First Named Inventor	GOLDSMITH
Art Unit	1636
Examiner Name	QIAN
Attorney Docket Number	10-128

23	BURKE et al., "Cloning of Large Segments of Exogenous DNA into Yeast by Means of Artificial Chromosome Vectors," Science, 236:806-812 (May 15, 1987)	<input type="checkbox"/>
24	FOSTER, Barbara et al., "Pharmacological Rescue of Mutant p53 Conformation and Function," Science, 286:2507-2510 (1999)	<input type="checkbox"/>
25	BONALDO et al., "Normalization and Subtraction: Two Approaches to Facilitate Gene Discovery," Genome Research, 6:791-806 (1996)	<input type="checkbox"/>
26	BENDERITTER, M. et al., "Simultaneous analysis of radio-induced membrane alteration and cell viability by flow cytometry," Cytometry, 39(2):151-157 (2000)	<input type="checkbox"/>
27	SEARS, D.D. et al., "An Implanted Recombination Hot Spot Stimulates Recombination and Enhances Sister Chromatid Cohesion of Heterologous YACs During Yeast Meiosis," Genetics, 138:1055-1065 (August 26, 1994)	<input type="checkbox"/>
28	CHEN and STRUHL, "Yeast mRNA initiation sites are determined primarily by specific sequences, not by the distance from the TATA element," EMBO J., 4(12):3273-3280 (1985)	<input type="checkbox"/>
29	CHANG, LMS, et al., "Deoxynucleotide-polymerizing Enzymes of Calf Thymus Gland," J. Biol. Chem., 246:909-916 (February 25, 1971)	<input type="checkbox"/>
30	COLDHAM et al., "Evaluation of a Recombinant Yeast Cell Estrogen Screening Assay," Environ. Health Perspect., 105(7):734-742 (July 1997)	<input type="checkbox"/>
31	CORDON-CARDO et al., "Multidrug-resistance gene (P-glycoprotein) is expressed by endothelial cells at blood-brain barrier sites," Proc. Natl. Acad. Sci., 86(2): 695-698 (January 1989)	<input type="checkbox"/>
32	DAVIS, CA et al., "Test of intron predictions reveals novel splice sites, alternatively spliced mRNAs and new introns in meiotically regulated genes of yeast," Nucleic Acids Res., 28(8):1700-1706 (March 1, 2000)	<input type="checkbox"/>
33	Dubois, R. et al., "Cyclooxygenase in biology and disease," FASEB J., 12:1063- 1073 (September 1998)	<input type="checkbox"/>

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	10523007
Filing Date	2005-02-01
First Named Inventor	GOLDSMITH
Art Unit	1636
Examiner Name	QIAN
Attorney Docket Number	10-128

34	JORDAN, S.P. et al., "Activity and dimerization of human immunodeficiency virus protease as a function of solvent composition and enzyme concentration," J. Biol. Chem., 267(28):20028-20032 (October 5, 1992)	<input type="checkbox"/>
35	RAO et al., "Choroid plexus epithelial expression of MDR1 P glycoprotein and multidrug resistance-associated protein contribute to the blood-cerebrospinal-fluid drug-permeability barrier," Proc. Natl. Acad. Sci., 96(7): 3900-3905 (March 1999)	<input type="checkbox"/>
36	SALERNO et al., "Differential transcriptional regulation of the apoA1 gene by retinoic acid receptor homo- and heterodimers in yeast," Nucleic Acids Res., 24(4):566-572 (1996)	<input type="checkbox"/>
37	SCHINKEL et al., "Normal viability and altered pharmacokinetics in mice lacking mdr1-type (drug-transporting) P-glycoproteins," Proc. Natl. Acad. Sci., 94: 4028-4033 (April 1997)	<input type="checkbox"/>

If you wish to add additional non-patent literature document citation information please click the Add button

EXAMINER SIGNATURE

Examiner Signature	Date Considered
--------------------	-----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. ² Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). ³ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁴ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁵ Applicant is to place a check mark here if English language translation is attached.